

Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/087,463
		Filing Date	February 28, 2002
		First Named Inventor	Adityo Prakash
		Group Art Unit	2621
		Examiner Name	not yet known
Total Number of Pages in This Submission	6 **	Attorney Docket Number	10006.000720

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input checked="" type="checkbox"/> Transmittal Form
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input checked="" type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Form PTO/SB/08; Copies of Listed References: (A – I documents); Return receipt postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	
** does not include pages for listed references		

RECEIVED

OCT 08 2002

Technology Center 2600

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	James K. Okamoto, Reg No. 40,110 OKAMOTO & BENEDICTO LLP
Signature	
Date	October 1, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name	James K. Okamoto
Signature	
Date	October 1, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Adityo Prakash, et al.

Serial No. 10/087,463

Examiner: not yet known

Filed: February 28, 2002

Art Unit: 2621

Title: DYNAMIC CHAIN-BASED
THRESHOLDING USING LOCAL
CHARACTERISTICS

Atty. Dkt. No.: 10006.000720

RECEIVED

Commissioner of Patents
Washington, DC 20231

OCT 08 2002

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Under 37 C.F.R. §1.56 and §§1.97-98

Sir:

Pursuant to the provisions of 37 CFR 1.56 and §§1.97-98, enclosed herewith is form PTO/SB/08 (substitute for form 1449A/PTO) listing references which may be material to the examination of this application, and with respect to which there may be a duty to disclose. The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

A copy of each listed reference is enclosed herewith, unless no such copy is required pursuant to 37 CFR § 1.98(d).

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the references cited therein are hereby listed but are not required to be provided in this application under 37 CFR § 1.98(d).

Pursuant to 37 CFR §1.97, this Information Disclosure Statement is being submitted under the section indicated below.

- 37 CFR §1.97(b).
- 37 CFR §1.97(c). If so, then either:
 - Applicant certifies pursuant to 37 CFR § 1.97(e) that either:
 - each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement.
- OR
- Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).
- 37 CFR § 1.97(d). If so, then both:
 - Applicant certifies pursuant to 37 CFR § 1.97(e) that either:
 - each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.
- AND
- Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).

Consideration of the listed references and favorable action are respectfully solicited.

Respectfully submitted,

Adityo Prakash, et al.

Dated: October 1, 2002

By: J - k - OC

James K. Okamoto
Attorney For Applicant(s)
Reg. No. 40,110
OKAMOTO & BENEDICTO LLP
P.O. Box 641330
San Jose, CA 95164
Tel.: (408) 436-2110
Fax: (408) 436-2114

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified herein, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:	<u>J - k - OC</u>		
Typed or Printed Name:	James K. Okamoto	Dated:	Oct. 1, 2002
Express Mail Mailing Number (optional):			

Please type a plus sign (+) inside this box → **+**

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number	10/087,463
Filing Date	February 28, 2002
First Named Inventor	Adityo Prakash
Group Art Unit	2621
Examiner Name	not yet known

Attorney Docket Number 10006.000720



OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C	A.D. BRINK, " Edge-Based Dynamic Tresholding Of Digital Images" XP000926357, IEEE 1991, page 63; Dept. of Computational and Applied Mathematics, Johannesburg.	
	D	WEI LEI, et al. "Segmentation Based Coding Of Motion Compensated Prediction Error Images" XP000926358, April 30, 1993, pages 357-360, vol. 5; Signal Processing Laboratory, Switzerland.	
	E	"Canny edge detector demos" [on-line], [retrieved on February 14, 2002] Retrieved from the internet: URL: http://robotics.eecs.berkeley.edu/sastry/ee20/cademo.html .	
	F	CHARLIE ROTHWELL, et al. "Driving Vision by Topology" December 1994, pages 1-29, INRIA Sophia Antipolis, France	
	G	ADITYO PRAKASH, et al. "Method and Apparatus For Efficient Video Processing" US Patent Application No. 09/550,705 filed April 17, 2000.	
	H	ADITYO PRAKASH, et al. "Dynamic Thresholding" US Provisional Application No. 60/272,332 filed February 28, 2001.	
	I	"Classical Feature Detector" [on-line] [retrieved on February 16, 2002] Retrieved from the internet: URL: http://www.dai.ed.ac.uk/CVonline/LOCAL_COPIES/OWENS/LECT6/node2.html .	
			RECEIVED
			OCT 08 2002
			Technology Center 2600

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.